



SPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Chelba et al.

Appln. No. : 10/814,906

Filed : March 31, 2004

For : LANGUAGE MODEL ADAPTATION  
USING SEMANTIC SUPERVISION

Docket No.: M61.12-0611

Group Art Unit: 2641

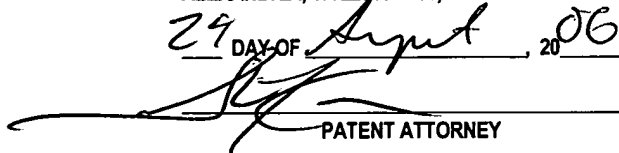
Examiner:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
COMMISSIONER FOR PATENTS, P.O. BOX 1450,  
ALEXANDRIA, VA 22313-1450, THIS

29 DAY OF August, 2006

  
PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

TIME OF FILING

The information disclosure statement is being filed:

1. ☒ with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.

METHOD OF PAYMENT

- ☒ No fee is required.
- ☐ Attached is a check in the amount of \$\_\_\_\_\_.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.


Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

Steven M. Koehler, Reg. No. 36,188  
900 Second Avenue South, Suite 1400  
Minneapolis, Minnesota 55402-3319  
Phone: (612) 334-3222  
Fax: (612) 334-3312

SMK:dkm

FORM PTO-1449	Atty. Docket No.: M61.12-0611	Appl. No.: 10/814,906
<p>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p> 	First Named Inventor:	
	Chelba et al.	
	Filing Date	Group Art:
	March 31, 2004	2641

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AA	C. Crespo, D. Tapias, G. Escalada, and J. Alvarez, 1997, "Language Model Adaptation for Conversational Speech Recognition Using Automatically Tagged Pseudo-Morphological Classes," In Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, vol. 2, pp. 823-826.
AB	Renato DeMori and Marcello Federico, 1999, "Language Model Adaptation," In K. Ponting, editor, Computational Models of Speech Pattern Processing, pp. 280-303, Springer Verlag, Berlin, New York.
AC	Frederick Jelinek and Robert Mercer, 1980, "Interpolated Estimation of Markov Source Parameters from Sparse Data," In E. Gelsema and L. Kanal, editors, Pattern Recognition In Practice, pp. 387-397.
AD	F. Jelinek, B. Merialdo, S. Roukos, and M. Strauss, 1991, "A Dynamic Language Model for Speech Recognition," In Proceedings of Speech and Natural Language DARPA Workshop, pp. 293-295.
AE	S. Mori, M. Nishimura, and N. Itoh, 2003, "Language Model Adaptation Using Word Clustering," In Proceedings of the European Conference on Speech Communication and Technology, pp. 425-428.
AF	H. Erdongan, "Semantic Structural Language Models," ICSLP 2002 Proceedings.
AG	Cyril Allauzen, Mehryar Mohri, and Brian Roard, 2003, "Generalized Algorithms for Constructing Language Models," To appear in Proceedings of the 41 <sup>st</sup> Annual Meeting of the Association for Computational Linguistics (ACL).
AH	J. Zhang et al., "Improvements in Audio Processing and Language Modeling in the CU Communicator," Eurospeech 2001.

EXAMINER:	DATE CONSIDERED:
-----------	------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.